

ABSTRACT OF THE DISCLOSURE

In the communication system, the filtering is realized at times of transmission and reception, by a
5 server which attaches an identifier indicating an
anycast address to a source address of a response
packet, a communication device which detects the
identifier indicating an anycast address in the
response packet and verifies the response packet, when
10 the source address is different from the destination
address, and a boundary router which detects the
identifier in the packet and verifies that the response
packet is a response transmitted from the server,
according to information regarding servers that is
15 stored in advance.

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